

Amendment to the Claims:

1. **(Previously Presented)** A packet switched network architecture comprising a location area connected by a radio access network to at least two core networks having the same functionality, wherein the radio access network switches packet transmissions from each terminal in the location area to one of the at least two core networks,

wherein the radio access network switches packet transmissions from each terminal to one of the at least two core networks in dependence on the capacity of the respective core networks.

2. **(Canceled)**

3. **(Currently Amended)** The packet switched network of claim 1 in which each core network includes a mobile switching center (MSC) comprising a visitor location register (VLR), the capacity of the respective core networks being determined by the capacity of the VLR.

4. **(Previously Presented)** A method of allocating resources in a packet switched mobile network, comprising: allocating at least two core networks having the same functionality to a location area; associating each mobile user in the location area with one of the core networks ; and switching, by the radio access network, packet transmissions from a mobile user in the location area to one of the core networks in dependence on the capacity of the networks.

5. **(Currently Amended)** The packet switched network of claim 1 in which each core network includes a mobile switching center (MSC) comprising a visitor location register (VLR), the capacity of the respective core networks being determined by the capacity of the VLR.

6. **(Canceled)**

7. (New) A pocket switched network architecture according to claim 1, in which said at least two core networks are second generation networks.